

Charles Green

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EXPERIENCE

NextGen Analytics, Boston MA— *Software Engineering Intern*

May 2024 - PRESENT

- Assisted in the development of software features and performed regression testing for feature validation.
- Developed scripts in Python to automate aspects of the testing process, ensuring efficient testing cycles.
- Participated in data analysis tasks using Pandas, providing insights into system performance and data consistency.

Northeastern University, Boston MA— *Computer Engineering Department Research Assistant*

January 2024 - May 2024

- Assisted in research projects involving data analysis and system monitoring, including basic scripting tasks in Python to clean and process data.

EDUCATION

Northeastern University, Boston MA — *Bachelor of Science in Computer Engineering*

September 2023 - Present

Relevant Coursework: Software Engineering, Data Analysis, Python Programming, Operating Systems, Quality Assurance

PROJECTS

Automated Feature Testing: Created a Python script to automate the regression testing of software features, validating data input and output for large-scale systems.

Data Monitoring Tool: Developed a tool in Python to monitor data quality and visualize system health in real time using basic Pandas and visualization libraries.

SKILLS

Programming: Python

Automation: Test automation tools and scripting

Linux: comfortable navigating through the terminal for simple tasks.

Tools & Libraries:

Jupyter Notebooks, Spark/PySpark, Pandas

CERTIFICATIONS

- CompTIA Network+ (2024)
- Certified Ethical Hacker (CEH) (2025 - in progress)
- Python for Data Science (Coursera, 2024)